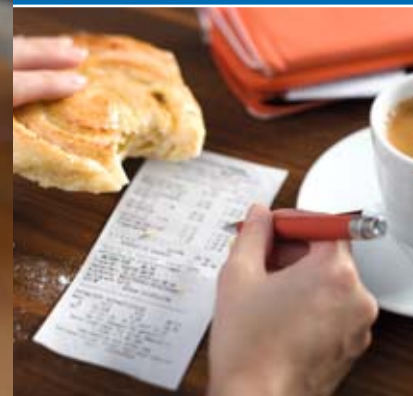


thermoscript

P 5045

P 5055



Working hard at POS



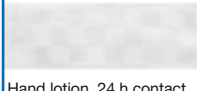

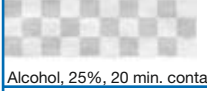

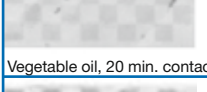

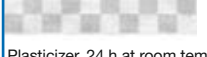

Thermal paper is an integral part of modern daily life, whether it is used for receipts, labels or tickets. Thanks to its reliable print-out quality, its wide range of uses and its comparatively low cost, thermal printing technology experiences a steady growth in its use every year.

Depending on what it is used for, thermal paper is subject to different outside influences. Papers are often exposed to all kinds of elements which can cause their deterioration. As a result, receipts are kept in purses and wallets or plastic film containing plasticisers. Such paper needs to be fairly resistant to the damaging effects of finger-prints, sunlight or alcohol.

Receipts in particular must be durable and strong as they often serve as proof of warranty and must frequently be kept for a long time for tax purposes. For such uses, Mitsubishi HiTec Paper recommends *thermoscript* P 5045 and P 5055 with a standard two-year service life under real conditions (real life warranty) in line with market requirements. The paper is exceptionally resistant to environmental influences, extremely tough and particularly long-lasting. Recommended by thermal printer manufacturers, it also stands out due to its

excellent performance at the printhead and its attractive price-performance ratio. *thermoscript* P 5045 and P 5055 are ideal products for applications which require an exceptionally strong, durable paper and for users who really appreciate the undeniable advantages of thermal printing.

thermoscript P 5045 and P 5055 – Tried and tested

Standard POS documentation paper	<i>thermoscript</i> P 5045 / P 5055
	
Before the test	
	
Hand lotion, 24 h contact	
	
Alcohol, 25%, 20 min. contact, dry for 24 h	
	
Vegetable oil, 20 min. contact, dry for 4 h	
	
Plasticizer, 24 h at room temperature	

thermoscript P 5045 / P 5055

- > Premium thermal POS paper from Mitsubishi HiTec Paper
- > Real life warranty
- > Outstanding price-performance ratio
- > Excellent printhead performance
- > Exceptionally resistant to environmental influences
- > Recommended by leading thermal printer manufacturers

Approved for thermal printers

IBM	Suremark 4610
Datecs	All systems
Eltrade	Mobilife MPP 101

Grade characteristics	P 5045	P 5055
Sensitivity:	Standard	Standard
Weight:	55 ± 4 g/m ²	56 ± 4 g/m ²
Thickness:	60 ± 5 micron	60 ± 5 micron
Resistances:	Increased resistance against environmental impact from sources such as heat, fire, light, lanolin, alcohol, plasticizer & water	
Durability of print image under standard conditions*:	7 years	10 years
Durability of print image under non-standard conditions**:	2 years	2 years

* If stored and handled properly

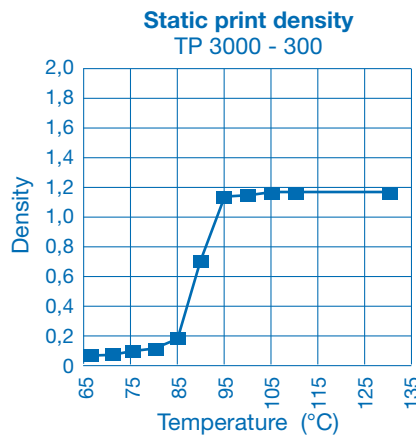
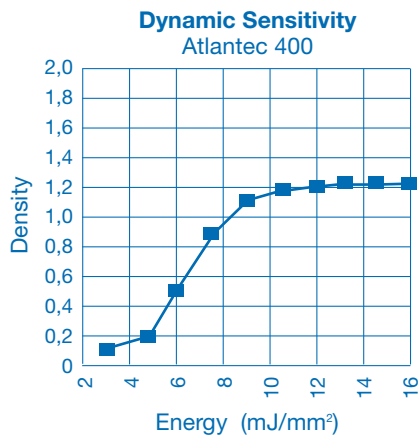
** Real life warranty

thermoscript

**P 5045
P 5055**

Real Life Warranty

The standard conditions specified by other manufacturers in relation to durability are unrealistic under normal circumstances. Durability under everyday conditions, i.e. so-called "real life performance", is much more accurate. With their 2-year Real Life Warranty, P 5045 and P 5055 are clearly superior to standard products on the market.



Chemical resistances *		P 5045	P 5055
Type of resistance	Conditions	Stability (readability after 1 day)	
Grease: Lanolin	10 minutes' contact	> 60 %	> 70 %
Plasticizer	Tesa 57331	> 60 %	> 60 %
Water, dipped	20 minutes' contact	> 70 %	> 75 %

As a full-range supplier of thermal papers, Mitsubishi HiTec Paper offers products in a modular system. With production facilities in Germany and Japan and a global sales network, Mitsubishi HiTec Paper is a highly capable partner where customised product solutions are required.

Accredited

As a responsible special paper manufacturer, Mitsubishi HiTec Paper has long paid special attention to ensuring its thermal paper is manufactured using environmentally aware production and further processing methods.

- > FSC certified (Chain of Custody)
- > Nordic Swan certified
- > Reach compliant
- > ISO 14001 certified



Products which bear the FSC label contain wood from responsibly managed forests. Forests are certified according to Forest Stewardship Council specifications.

SGS-COC-2664

© 1996 Forest Stewardship Council A.C.



Mitsubishi HiTec Paper Flensburg GmbH

Husumer Strasse 12 | 24941 Flensburg | Germany

Sales Tel. +49 461 8695-450 | Fax +49 461 8695-460

thermoscript@mitsubishi-paper.com | www.mitsubishi-paper.com

Version: July 2009